**Vaibhav Chavan**

**Contact:**+91-7709415076

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**CARRIER OBJECTIVES**

A flexible, dedicated and self-disciplined individual seeking an opportunity to play a challenging and creative role in development, planning with commitment to serve the organization for its growth and development.



**PROFILE**

* **Technically competent Engineer with a career span of over 2.5 years**predominantly in the areas of testing of various equipment’s with using software tools, Debug medium complexity assemblies to component level and trouble-shooting of equipment’s, maintenance of substations process management & optimization and quality.
* Knowledge of  **RTU/DC** (Husky) and **HMI** (Sirius by Synergy).
* **Possess through knowledge in protocols l**ike IEC104, IEC103 Modbus, IEC 101, and IEC 60870Protocol, integration with SLDC, TCP/IP, and protocol testing, testing methodsforEHV & LV substationswith using **software and in tools.**
* Goal-oriented & systematic planner with excellent man& material-management, Day to day organization, power supply engineering, time management, leadership skills, Panel testing**.**



**CORE COMPETENCIES**

Electrical&SCADA(RTU/DC) maintenance Engineering ⦁Attend client meeting, assist with determination of project requirement⦁ Troubleshooting/Fault Analysis, Relay and Electrical Testing, RTU, Control and relay panels testing⦁ Erection/Testing/Commissioning/Maintenance and integration ⦁ Preparation of SLD and over view diagrams ⦁ Preparation of check list and technical Specification of individual components ⦁ Preparation of Control panel BOQ and Site accessories ⦁ Control Cable sizing and length Calculations and cable accessories selections ⦁ Coordination and support for testing and commission of Control & relay panel.



**MAJOR ROLES**

* Detailed engineering, planning, execution and quality maintenance.
* Pre Commissioning and Commissioning of RTU/SCADA systems, monitor systems to quickly address problems or adjust automated processes.
* Creating monthly site reports and keeping the record of these reports, Supervision of Installation.
* Analyzing Real Time System Problems, Troubleshooting and Maintenance of RTUs (Husky).
* Hands on experience in using IEC-101, IEC-103MODBUS, IEC-104 and IEC 60870-3 Protocols.
* Conducting onsite training for customers.
* Developing, deploying and maintaining a SCADA system includes designing hardware and software functional specifications for automated processes, test the system to ensure functionality.
* Technical understanding and experience in SCADA systems, Protocols, Ethernet and IP networks, Serial communication and metering.
* Plan, Schedule, Project co-ordination, Execute Installation, commissioning and testing activity, products testing with using software’s IN TOOLS and trouble shooting.
* Had good knowledge in Power Supply engineering (AC & DC)for Relay/panel Testing/SCADA commission Engineering and sub-station shift engineer knowledge.
* Knowledge of DI interfacing, local substation testing and point to point testing from remotesubstation.
* Provide technical support for system operations, maintenance and troubleshooting.



**PROFESSIONAL EXPERIENCE**

**Working in SIEMENS Ltd:**

**Department: Energy Management & Digital Grid**

* Distribution Level SCADA system for the entire Electricity Distribution Network for the state of Maharashtra spread over 8 control centers. MSEDCL is one of the largest power utility in India. This is the first such system for the state run utility.
* As a **Project Engineer** Responsible MSEDCL project co-ordination with client and as well as vendors .Material Management, Safety Management (EHS Policy) , Engineering, Testing, SCADA HMI Design, Testing, RTU/Relay Commissioning and Trouble shooting, Maintenance of SIEMENS SCADA Project.
* Installation & Commissioning and testing of RTU & FRTU Panel's.
* Based on analysis ordering of I/O modules, HDR, CABLE, MCB’s etc. were procured and deployed in RTU/FRTU panel.
* Successful completion of End to End Testing of 14 nos. of Substation to control Centre& 241 no’s of FRTU with the presence of MSEDCL Testing Team in Amravati Town.
* Testing & Configuration of Transformer Tap-Changer, CB, Isolator and RMU signals on FRTU/RTU Panel.
* Testing of RMU & FRTU Panel wiring.



**PROJECTS HANDLED (AS A TESTING ENGINEER)**

* **SIEMENS MESDCL** (Maharashtra state Electricity Distribution ltd) **Amravati, Solapur, Pune ,Kolhapur zones- Maharashtra.**



**EDUCATIONAL CREDENTIALS**

Bachelor of Engineering (Electrical) 2015 from Pune University, with 65%.

**Instrumentation:** Transducers, CMR relays, SCADA protection relays.

**Date of Birth:04 January 1993**



**Marital Status:** Single

**Permanent Address:** A/P-SHERE, TAL-KARAD,

DIST-SATARA, PIN CODE: 415108

**Language Known**: English, Hindi and Marathi



I hereby declare that the above mentioned information is correct to best of my knowledge.

Place:

(**Vaibhav Chavan)**